



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/978,551	10/18/2001	Hiroataka Noro	740670-269	5064
31780	7590	07/06/2005	EXAMINER	
ERIC ROBINSON PMB 955 21010 SOUTHBANK ST. POTOMAC FALLS, VA 20165			TANG, KAREN C	
			ART UNIT	PAPER NUMBER
			2151	

DATE MAILED: 07/06/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/978,551

Applicant(s)

NORO, HIROTAKA

Examiner

Karen C. Tang

Art Unit

2151

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 18 October 2001.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 18 October 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

RD

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-6 are rejected under 35 U.S.C. 102(e) as being anticipated by Fukuda (US 6,594,740).

1. Referring to Claim 1, Fukuda discloses an audio system having a recording/reproducing apparatus and a control apparatus for controlling to said recording/reproducing apparatus (refer to Col 2, Lines 5-35, Lines 40-45) said control apparatus being connected to an external network (refer to Col 6, Lines 35-55), said system comprising: means contained in said recording/reproducing apparatus for transmitting to said control apparatus identification information for identifying a reproduction medium (refer to Col 7, Lines 20-35 and Col 17, and Col 19, Lines 15-67); means contained in said control apparatus for communicating with said external network to acquire subject disc information from said external network on the basis of said identification information (refer to Col 10, Lines 25-35, and Col 20, Lines 15-67),

Art Unit: 2151

means contained in said control apparatus for extracting title information from said acquired subject disc information and for transmitting said extracted title information to said recording/reproducing apparatus in response to the completion of a record in said recording/reproducing apparatus (refer to Col 18, Lines 1-10); and means contained in said recording/reproducing apparatus for registering in a record medium said title information (refer to Col 17, Lines 1-20 and Col 19 and 20).

2. Referring to Claim 2, Fukuda discloses an audio system having a recording/reproducing apparatus for reproducing/recording music data (refer to Col 17, Lines 50-67 and Col 4, Lines 25-40) and a control apparatus for controlling the recording/reproducing apparatus, said control apparatus being connected via a predetermined interface to said recording/reproducing apparatus (refer to Col 2, and Col 17, Lines 40-67), CHARACTERIZED IN THAT said recording/reproducing apparatus comprises: identification information transmitting means for transmitting identification information for identifying a reproduction medium recorded with music data (refer to Col 10, Lines 1-59, and Col 20, Lines 30-55), to the control apparatus, completion information transmitting means for transmitting record completion information representative of a record completion (refer to Col 20, Lines 30-55 and Col 2), to the control apparatus, when a record of the music data is completed; title information receiving means for receiving title information corresponding to the record completion information transmitted from said completion information transmitting means (refer to Col 20, Lines 30-65 and Col 21), from the control apparatus, and registering means for

Art Unit: 2151

registering in a record medium recorded with the music data the title information received by said title information receiving means (refer to Col 10, Lines 1-67, Col 20, Lines 30-67 and Col 21, Lines 1-67), and said control apparatus comprises identification information receiving means for receiving the identification information transmitted from the recording/reproducing apparatus by said identification information transmitting means (refer to Col 8, Lines 20-67, and Col 21, Lines 1-67); communication means for communicating with a desired management server for managing disk information of reproduction media via a network and for receiving subject disk information from the management server by using the identification information received by said identification information receiving means (refer to Col 6, and Col 17, Lines 5-67); completion information receiving means for receiving the record completion information transmitted from the recording/reproducing means by said completion information transmitting means (refer to Col 20, Lines 5-67 and Col 21, Lines 1-40); and title information transmitting means for transmitted the title information corresponding to the record completion information among the disk information received by said communication means, to the recording/reproducing apparatus, when said completion information receiving means receives the record completion information (refer to Col 24, Lines 10-67 and Col 25, Lines 1-20).

3. Referring to Claim 3, Fukuda discloses wherein the control apparatus further comprises said title information transmitting means transmits title information input from said input means to the recording/reproducing means (refer to Col 12, Lines 1-45).

Art Unit: 2151

Fukuda indicates input the title information if the disk information cannot be received (refer to Col 21, Lines 1-10).

4. Referring to Claim 4, Fukuda discloses audio system having a recording/reproducing apparatus for reproducing/recording music data and a control apparatus for controlling the recording/reproducing apparatus (refer to Col 17, Lines 50-67 and Col 4, Lines 25-40), said control apparatus being connected via a predetermined interface to said recording/reproducing apparatus (refer to Col 17, Lines 40-67), CHARACTERIZED IN THAT the recording/reproducing apparatus transmits identification information for identifying a reproduction medium recorded with music data, to the control apparatus (refer to Col 10, Lines 1-59, and Col 20, Lines 30-55), receives corresponding title information when a record of the music data is completed (refer to Col 20, Lines 30-67 and Col 21, Lines 1-10), from the control apparatus, and registers the received title information in a record medium recorded with the music data (refer to Col 21, Lines 50-67 and Col 22, Lines 1-22); and when the control apparatus receives the identification information transmitted from the recording/reproducing apparatus, the control apparatus communicates with a desired management server for managing disk information of reproduction media via a network (refer to Col 6, Col 17, Lines 5-67 and refer to Col 20, Lines 5-67 and Col 21, Lines 1-40), and receives subject disk information from the management server by using the received identification information, and when a record by the recording/reproducing apparatus is completed, the control apparatus transmits the title information among the received disk information to the recording/reproducing apparatus (refer to Col 24, Lines 10-67 and Col 25, Lines 1-20).

5. Referring to Claim 5, Fukuda discloses a control apparatus for controlling via a predetermined interface (refer to Col 17, Lines 40-67 and Col 2, Lines 25-67) a recording/reproducing apparatus for reproducing a reproduction medium recorded with music data and recording the reproduced music data in a record medium (refer to Col 4, Lines 35-67), said apparatus comprising: identification information receiving means for receiving identification information for identifying the reproduction medium from the recording/reproducing apparatus (refer to Col 21, Lines 1-67 and Col 10, Lines 1-67), communication means for communicating with a desired management server for managing disk information of reproduction media via a network and for receiving subject disk information from the management server by using the identification information received by said identification information receiving means (refer to Col 6, Col 10, Lines 25-35, and Col 20, Lines 15-67); completion information receiving means for receiving record completion information representative of a record completion transmitted from the recording/reproducing means when a record of the music data is completed (refer to Col 20, Lines 30-67 and Col 21, Lines 10); transmitting title information corresponding to the record completion information among the disk information received by said communication means, to the recording/reproducing apparatus, when said completion information receiving means receives the record completion information, and for registering the title information in the record medium (refer to Col 24, Lines 10-67 and Col 25, Lines 1-20, and Col 17, Lines 1-20).

Art Unit: 2151

6. Referring to Claim 6, Fukuda discloses a title information registering method for use in an audio system having a recording/reproducing apparatus for reproducing/recording music data and a control apparatus for controlling the recording/reproducing apparatus (refer to Col 21, Liens 1-10 and Col 4, Lines 15-67), said control apparatus being connected via a predetermined interface to said recording/reproduction apparatus (refer to Col 17, Lines 40-67 and Col 2, Lines 25-67), said method comprising steps of: identification information receiving step receiving Identification information for identifying a reproduction medium recorded with music data, from the recording/reproducing apparatus (refer to Col 21, Lines 1-67 and Col 10, Lines 1-67); communication step of communicating with a desired management server for managing disk information of reproduction media via a network and receiving subject disk information from the management server by using the identification information received by said identification information receiving step (refer to Col 17, Lines 5-67); completion information receiving step of receiving record completion information representative of a record completion, from the recording/reproducing apparatus, when a record of the music data is completed by the recording/reproducing apparatus (refer to Col 20, Lines 30-55 and Col 2), and title information registering step of transmitting title information corresponding to the record completion information among the disk information received at said communication step , to the recording/reproducing apparatus, when said completion information receiving step receives the record completion information, and registering the title information in the record medium recorded with the music data (refer to Col 24, Lines 10-67 and Col 25, Lines 1-20, and Col 17, Lines 1-20).

Art Unit: 2151

Conclusion

A shortened statutory period for reply to this Office action is set to expire **THREE MONTHS** from the mailing date of this action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Karen C. Tang whose telephone number is (571)272-3116. The examiner can normally be reached on M-F 7 - 3.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Zarni Maung can be reached on (571)272-3939. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

KT
Karen Tang
6/23/05


ZARNI MAUNG
SUPERVISORY PATENT EXAMINER